

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **04-108444**
 (43)Date of publication of application : **09.04.1992**

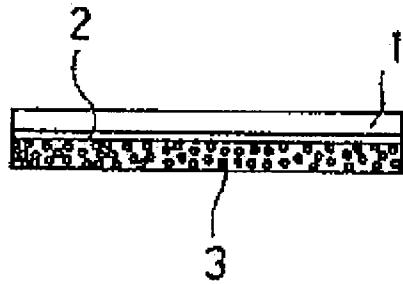
(51)Int.Cl. **A61F 2/10**
A61L 27/00

(21)Application number : **02-227442** (71)Applicant : **GUNZE LTD**
 (22)Date of filing : **28.08.1990** (72)Inventor : **MORITA SHINICHIRO**
MATSUDA KAZUYA
IRIE MASUMI

(54) ARTIFICIAL SKIN

(57)Abstract:

PURPOSE: To prevent the dragging of the skin by laminating a collagen sponge layer having many micropores via an intermediate layer formed of the fiber material of a bio-absorbable high-polymer material on a moisture permeation control layer consisting of the thin film of a moisture permeable high-polymer material.



CONSTITUTION: The collagen sponge layer 3 to constitute a layer for contact with a wound part is laminated via the intermediate layer 2 consisting of the fiber material of the bio-absorbable high-polymer material on the moisture permeation control layer 1. The collagen sponge layer 3 is the soft spongy layer having the many fine pores of $\leq 000\mu\text{m}$, more preferably 50 to $130\mu\text{m}$ pore size and the thickness of the layer 3 is usually about $\geq 1\text{mm}$, more preferably about 2 to 4mm. The intermediate layer 2 is formed of the fiber material of the bio-absorbable high-polymer

material. Various high-polymer materials which are hydrolyzed in a living body and are absorbed in the living body are included as the bio-absorbable high-polymer material. The dragging of the skin is effectively prevented in this way.

LEGAL STATUS

[Date of request for examination]
 [Date of sending the examiner's decision of

rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]